

This is a REQUEST FOR INFORMATION. This RFI requests information needed by the Government prior to release of any potential solicitation. This is not a request for proposals and in no way obligates the Government to award any contract. The Department of Defense, Program Management Office for Littoral and Mine Warfare (PMS-LMW) is seeking information from sources capable of providing the technical services required to fulfill the duties and responsibilities of the In-Service Engineering Agent for the MK16 Mod 1 Underwater Breathing Apparatus (MK16 UBA). The MK16 UBA is a closed-circuit, mixed gas rebreather designed to provide US Navy Divers with underwater breathing capability in performing various Navy missions. The MK 16 UBA has been in service for over 15 years with approximately 300 units deployed worldwide. The anticipated scope of services to be provided and their respective functional areas are detailed below:

- ◆ Design. The ISEA shall: Analyze operational and maintenance data to determine design defects; Recommend corrections or improvements; Develop engineering changes and/or alterations; Review engineering changes for impact on performance, reliability, cost, safety, and logistic support.
- ◆ Safety. The ISEA shall conduct safety reviews of proposed Engineering Change Proposals (ECPs), analyze safety deficiency reports, analyze results of failure analyses, and recommend corrective action when appropriate.
- ◆ Technical Documentation. The ISEA shall maintain technical manuals and PMS documentation and monitor applicable system specifications and standards. The ISEA shall maintain technical accuracy and custody of engineering drawings for assigned programs.
- ◆ Data Analysis. Provide analyses to determine operational and maintenance performance measures; identify design and maintenance problems; and provide input to existing and/or future data repositories for use in determining future design and support requirements.
- ◆ Software Support. When assigned, the ISEA shall participate in configuration support of peculiar software.
- ◆ Fleet Engineering Support. The ISEA shall provide engineering assistance to the Fleet including on-site engineering investigations, engineering and support assistance, and support and coordination for delivery and installation of ECPs.
- ◆ Training. Assist in monitoring training requirements, conducting audits of training events, and providing recommendations for improvements of training courses, curriculum material, and training aids and devices.
- ◆ Configuration Management. The ISEA shall participate in Configuration Control Board (CCB) reviews as defined by the applicable Configuration Management Plan(s).
- ◆ Test Equipment, Tools, Jigs, and Fixtures. The ISEA shall review and recommend improvements to test procedures, general and special purpose test equipment, tools, jigs, and fixtures.
- ◆ Maintenance Engineering. The ISEA shall maintain and update maintenance concepts, tasks and criteria for all levels of maintenance during equipment/system life cycle; review and maintain current technical criteria that prescribes the scope, depth, and frequency of maintenance and inspections to be performed;
- ◆ Integrated Logistics Support. The ISEA shall participate as a member of the integrated logistics support management team and evaluate the effectiveness of achieved logistics support and recommend improvements.
- ◆ Supply Support. The ISEA shall review all appropriate technical data against the allowance parts list (APL) and recommend changes; review military essentiality codes (MECs) and source, maintenance and recoverability (SM&R) codes and recommend improvements; ensure that provisioning reflects proper maintenance and support requirements of approved MK16 UBA configurations; monitor Maintenance Material Management (3-M) reports,

Casualty Reports (CASREPs), and other data to determine whether equipment is properly supported.

Issuance of a formal RFP is anticipated in Spring 2003. An IDIQ services type contract is contemplated to include both Time and Materials (T&M) and Firm Fixed Price (FFP) orders. A base period of performance of three (3) years with provisions for two additional options (Option I – 3 years; Option II – 4 years) is anticipated. This announcement serves to facilitate development of a future request for proposals (RFP), and is NOT a formal solicitation and is NOT an RFP. Any formal solicitation will be announced separately. This synopsis is for information and planning purposes ONLY, and is not to be construed as a commitment by the Government. Interested entities are encouraged to respond by providing their company name, points of contact, a brief statement of capabilities and relevant corporate background, and business size. Submit written responses (no longer than 15 pages) to **Georgia Warder** - email at [warderga@ih.navy.mil](mailto:warderga@ih.navy.mil) or mail to NAVSEA Indian Head, Surface Warfare Center, Contracts Division, Bldg. 1558, Attn: **Georgia Warder**, Code 1143E, 101 Strauss Avenue, Indian Head, MD 20640-5035. It is requested that all responses be submitted within 30 days of this announcement.